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## Patent Abstracts of Japan

PUBLICATION NUMBER : 04336251  
PUBLICATION DATE : 24-11-92

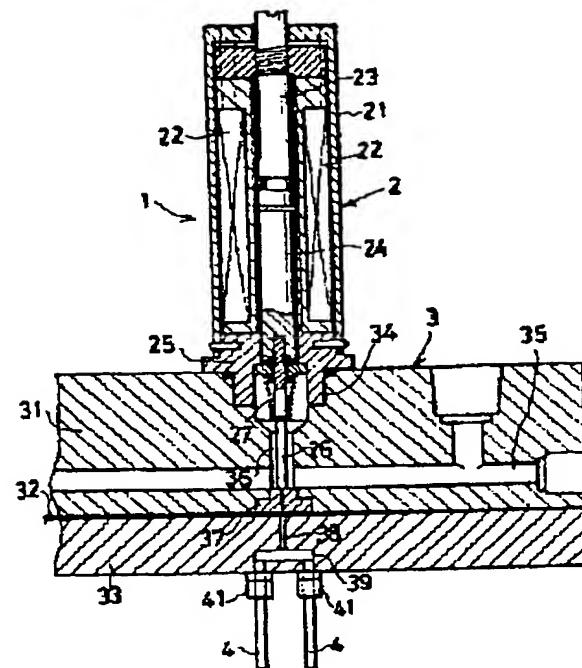
APPLICATION DATE : 13-05-91  
APPLICATION NUMBER : 03135367

APPLICANT : TAIHO IND CO LTD;

INVENTOR : IKEURA TAKAO;

INT.CL. : B41F 17/14 B41J 2/015

TITLE : DOT PRINTING METHOD AND  
PRINTER



ABSTRACT : PURPOSE: To print a stable line at a high speed by a method wherein a plurality of dots are simultaneously controlled by providing a plurality of discharge nozzles for each solenoid valve.

CONSTITUTION: A dot printing method and a printer are obtained wherein a plurality of solenoid valve mechanisms 3 are provided to a manifold 2, and an ink channel 38 is formed for each solenoid valve mechanism in the manifold 2. An ink branch part 39 is provided to a tip of the ink passage 38 above- mentioned, and a dot printer 1 composed by connecting a plurality of discharge nozzles 4 arranging in a row which extend on a lower surface of the manifold 2 is provided to the ink branch part 39. Then, by moving the printer 1 above- mentioned while controlling, dots to be formed by discharging ink from each discharge nozzle 4 are connected to each other to print lines of a bar code, a color code, etc., on, for instance, a surface of steel products.

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